

**CARL A. KUKKONEN, III**

c/o WUESTHOFF & WUESTHOFF

SCHWEIGERSTRASSE 2

D-81541 MÜNCHEN

GERMANY

TELEPHONE +49 89 62 18 00 86

VOICEMAIL / FACSIMILE +1 928.569.8969

Facsimile Transmission

To: USPTO

From: Carl A. Kukkonen, III, Esq.

Fax: +1 703.746.4060

Date: Friday, August 06, 2004

Phone:

Pages: 5 w/cover

Re: 10/809,932 - 9A-93066

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

I certify that this facsimile was sent on the date above.

Carl Kukkonen

BEST AVAILABLE COPY

BEST AVAILABLE COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Bruch et al.

Serial No.: 10/809,932

Filed: March 29, 2004

Attorney Docket No.: 9A-93066

Examiner:

Art Unit: 2828

Title: LONG RANGE SPECTRAL SENSING AND IDENTIFICATION OF BIOAEROSOLS AND
CHEMICAL AGENTS IN THE ATMOSPHERE

RESPONSE TO MISSING PARTS

Mail Stop Missing Parts
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

Applicant hereby claims small entity status. In response to the Notice of Missing Parts of June 7, 2004, Applicant hereby encloses a credit card authorization for \$468.00 and also encloses the signed declaration for the two inventors of this application, Dr. Reinhard Bruch (who should be listed as the first inventor) of 709 Putman, Reno, NV 89503 and Jutta Gietl of 6290 Suzie Lake Court, Reno, NV 89509.

Respectfully submitted,

Carl Kukkonen, III

Reg. No. 42,773, Customer No. 26686

August 6, 2004
c/o Wuesthoff & Wuesthoff
Schweigerstrasse 2
D-81451 München, Germany
+1 928.569.8979 (voicemail and fax)
carl@kukkonen.net

I hereby certify that this correspondence is being faxed to
703-746-4060 on the date below.

Dated: 8-6-04

Carl A. Kukkonen, III

BEST AVAILABLE COPY

Page 1 of 2



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address COMMISSIONER FOR PATENTS
 P.O. Box 1600
 Alexandria, Virginia 22313-1600
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/809,932	03/26/2004	Reinhard Bruch	9A-93065

 26686
 CARL A. KUKKONEN, III
 C/O WUESTHOFF & WUESTHOFF
 SCHWEIGERSTRASSE 2
 MUNICH, 81541
 GERMANY

CONFIRMATION NO. 6430

FORMALITIES LETTER

OC000000012883105

Date Mailed: 06/07/2004



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$36 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$936 for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$36

08/06/2004 6:08:00 PM 00000019 10809932

 365.00 OP
 18.00 OP
 65.00 OP
 01 FC:2001
 02 FC:2002
 03 FC:2001

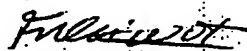
BEST AVAILABLE COPY

Page 2 of 2

- \$36 for 2 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.


Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

**CARL A. KUKKONEN, III**

c/o WUESTHOFF & WUESTHOFF

SCHWEIGERSTRASSE 2

D-81541 MÜNCHEN

GERMANY

TELEPHONE +49 89 62 18 00 86

VOICEMAIL / FACSIMILE +1 928.569.8969

Facsimile Transmission

To: USPTO

From: Carl A. Kukkonen, III, Esq.

Fax: +1 703.746.4060

Date: Friday, August 06, 2004

Phone:

Pages: 11 w/cover

Re: 10/809,932 - 9A-93066

CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

I certify that this facsimile was sent on the date above.

Carl Kukkonen

BEST AVAILABLE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/809,932	03/26/2004	2828	0.00	9A-93065	8	22	3

26586
 CARL A. KUKKONEN, III
 C/O WUESTHOFF & WUESTHOFF
 SCHWEIGERSTRASSE 2
 MÜNICH, 81541
 GERMANY



CONFIRMATION NO. 6430

FILING RECEIPT

10/809,932 03/26/2004 2828 0.00 9A-93065 8 22 3
 OC00000012883104

Date Mailed: 06/07/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Reinhard Bruch, Reno, NV;
 Roland Sauerbrey, Jona, GERMANY;
 Jutta Gietl, Reno, NV;

Assignment For Published Patent Application

Applied Photonics Worldwide, Inc., Reno, NV;

Domestic Priority data as claimed by applicant

This appln claims benefit of 60/458,757 03/28/2003

Foreign Applications

If Required, Foreign Filing License Granted: 06/05/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

Mobile terawatt-femtosecond laser system (MTFLS) for long range spectral sensing and identification of bioaerosols and chemical agents in the atmosphere.

Preliminary Class
372

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date therein unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Control, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time. If the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12. If a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secret order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



CARL A. KUKKONEN, III
c/o WUESTHOFF & WUESTHOFF
SCHWEIGERSTRASSE 2
D-81541 MÜNCHEN
GERMANY
TELEPHONE +49 89 62 18 00 86
VOICEMAIL / FACSIMILE +1 928.569.8969

Facsimile Transmission

To: USPTO	From: Carl A. Kukkonen, III, Esq.
Fax: +1 703.746.4060	Date: Friday, August 06, 2004
Phone:	Pages: 3 w/cover
Re: 10/809,932 - 9A-93066	CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

I certify that this facsimile was sent on the date above.

Carl Kukkonen

BEST AVAILABLE COPY



Page 1 of 2



UNITED STATES PATENT AND TRADEMARK OFFICE

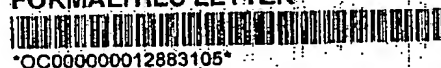
UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/809,932	03/26/2004	Reinhard Bruch	9A-93065

26686

CARL A. KUKKONEN, III
 C/O WUESTHOFF & WUESTHOFF
 SCHWEIGERSTRASSE 2
 MUNICH, 81541
 GERMANY

CONFIRMATION NO. 6430
 FORMALITIES LETTER



OC000000012883105

Date Mailed: 06/07/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$36 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$936 for a Large Entity

- \$770 Statutory basic filing fee
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$36.